

Title (en)

COMBUSTOR LINER ATTACHMENT ASSEMBLY FOR GAS TURBINE ENGINE

Title (de)

BRENNKAMMERAUSKLEIDUNGSBEFESTIGUNGSANORDNUNG FÜR EINEN GASTURBINENMOTOR

Title (fr)

ENSEMBLE DE FIXATION DE CHEMISE DE CHAMBRE DE COMBUSTION POUR MOTEUR À TURBINE À GAZ

Publication

EP 3640543 A1 20200422 (EN)

Application

EP 19203242 A 20191015

Priority

US 201816160321 A 20181015

Abstract (en)

A combustor liner panel attachment assembly includes a liner (130) extending from a first end to a second end, and circumferentially to partially define a combustion zone (110). The assembly also includes a spring element (140) located adjacent to a portion of the liner and operatively coupled to a stationary structure, the spring element having a recessed segment (146). The assembly further includes a protrusion feature (142) extending radially outwardly from the liner, the protrusion feature disposed within the recessed segment of the spring element to axially retain the liner.

IPC 8 full level

F23R 3/60 (2006.01); **F23R 3/00** (2006.01)

CPC (source: EP US)

F02C 3/14 (2013.01 - US); **F02C 7/20** (2013.01 - US); **F16B 5/02** (2013.01 - US); **F23R 3/002** (2013.01 - US); **F23R 3/007** (2013.01 - EP US); **F23R 3/60** (2013.01 - EP US); **F05D 2240/35** (2013.01 - US); **F05D 2260/30** (2013.01 - US); **F23R 2900/00017** (2013.01 - US)

Citation (search report)

- [X] EP 2538140 A2 20121226 - UNITED TECHNOLOGIES CORP [US], et al
- [X] WO 2015050629 A1 20150409 - UNITED TECHNOLOGIES CORP [US]
- [XAI] EP 3115690 A1 20170111 - GEN ELECTRIC [US]
- [A] EP 1882885 A2 20080130 - UNITED TECHNOLOGIES CORP [US]
- [XA] GB 1423052 A 19760128 - BRITISH LEYLAND UK LTD

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

EP 3640543 A1 20200422; **EP 3640543 B1 20240626**; EP 4414607 A2 20240814; US 11255547 B2 20220222; US 2020116360 A1 20200416

DOCDB simple family (application)

EP 19203242 A 20191015; EP 24184374 A 20191015; US 201816160321 A 20181015